

REMARKS

Entry of this Amendment and reconsideration are respectfully requested in view of the amendments made to the claims and the remarks made herein.

Claims 1-11 are pending and stand rejected. Claims 1 and 8 have been amended.

The Oath/Declaration is objected for containing non-initialed alterations.

Applicant thanks the examiner for his observation and has endeavored to obtain a new or corrected copy of the Oath/Declaration. Applicant respectfully requests that the requirement for providing a corrected Oath/Declaration be held in abeyance during the pendency of the matter. A new or corrected copy of the Oath/Declaration as soon as it is available.

The drawings are objected to because they do not indicate the proper headings as set forth in 37 CFR 1.121(d).

Applicant thanks the examiner for his observation and submits herein copies of Figures 2 and 3, which were submitted in a prior response, now containing the indication "Replacement Sheet" to replace Figures 2 and 3 that are currently of record.

Having provided properly annotated copies of Figures 2 and 3, applicant submits that the reason for the rejection has been overcome. Applicant respectfully request that the corrected figures be entered and the objection be withdrawn.

Claims 1-11 stand rejected under 35 USC 102(b) as being anticipated by Tremblay (WO 00/33178).

Applicant respectfully disagrees with, and explicitly traverses, the reason for rejecting the claims. However, in the interest of advancing the prosecution of this matter, applicant has elected to amend the independent claims to more clearly state the invention. More specifically, applicant has amended the claims to recite that the plurality of register files (RF1-RFn) are suitable for storing results obtained from the functional units and that the indication includes information regarding which of the register files are to be selected. No new matter has been added. Support for the amendment may be found at least on page 4, lines 29- page 5, line 7.

Tremblay, on the other hand, discloses a VLIW processor including a plurality of functional units including a plurality of separate register file segments, each being

associated with one of the functional units. The register file segments are partitioned into local registers and global registers, wherein the global registers are written/read by all the functional units and the local registers are written/read only by the associated functional unit. Tremblay describes, with reference to Figure 6, that the global registers are addressed using addresses 0-95, while the local registers having addresses 96-127, 128-159, 160-191 and 192-223, respectively, may be addressed using 7 bits (0-127). Tremblay further teaches that registers addressed 0-95 may be accessed substantially concurrently in each register file, and registers, in the address range 96-127, are addressed with regard to a specific register file (see page 13, lines 4-17). The local registers for each of the M register file segments are addressed using the same B-bit values. However, Tremblay fails to teach a register allocation means for selecting at least two register files when the instruction word comprises a corresponding indication and the indication contains information regarding which of the register files are to be selected, as is recited in the claims. Rather, Tremblay teaches that a unit may write to either all the register files or an associated register file based on the address of the register. In fact, the device of Tremblay is forced to write to a single register file as the register files are "hardwired" to a functional unit and, thus, cannot write to at least two selected register files.

It is well recognized that to constitute a rejection pursuant to 35 USC §102, i.e., anticipation, all material elements recited in a claim must be found in one unit of prior art.

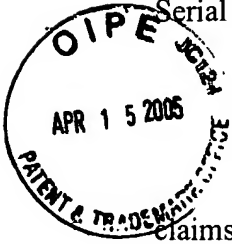
Tremblay cannot be said to anticipate the invention recited in independent claim 1 because Tremblay fails to disclose material element claimed. More specifically, Tremblay fails to disclose the element "a register allocation means for selecting at least two register files ... wherein said indication providing information for selecting which of said at least two register files," as is recited in the claim.

Having shown that Tremblay fails to disclose a material element claimed, applicant submits that the reason for the rejection has been overcome and can no longer be sustained. Applicant respectfully requests withdrawal of the rejection and allowance of the claim.

With regard to independent claim 8, this claim recites subject matter similar to that recited in claim 1 and has been rejected for the same reason used in rejecting claim 1. For the amendment made to claim 8, which is similar to that made with regard to claim 1, and for the remarks made with regard to claim 1, which are applicable and reasserted, as if in full, herein, applicant submits that claim 8 includes subject matter not disclosed by Tremblay. Accordingly, claim 8 is patently distinguishable from, and allowable over, the apparatus disclosed by Tremblay. Accordingly, applicant respectfully requests withdrawal of the rejection and allowance of claim 8.

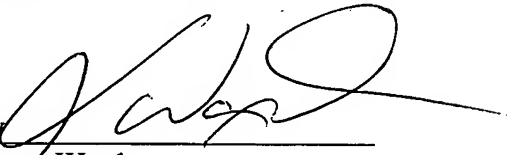
With regard to claims 2-7 and 9-11, these claims depend from claims 1 and 8, which have been shown to be allowable over the cited reference. Accordingly, claims 2-7 and 9-11 are also allowable by virtue of their dependency upon an allowable base claim. Applicant respectfully requests withdrawal of the rejection and allowance of the claims.

Although the last Office Action was made final, this amendment should be entered. Claims 1 and 8 have each been amended to more clearly state the invention. Since no matter has been added to the claims that would require comparison with the prior art or any further review only require a cursory review is required by the examiner. The amendment therefore should be entered without requiring a showing under 37 CFR 1.116(b).



For all the foregoing reasons, it is respectfully submitted that all the present claims are patentable in view of the cited references. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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Name

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(Signature and Date)